



Short description:

WAGO's analog manually operated module (789-811) monitors 0 ... 3 analog inputs. Depending on both manual/automatic switch and watchdog input, 0 to 10 V set voltage is transmitted to the output.

Electrical data	
Nominal operating voltage	24 VDC
Operating voltage range	±20 %
Inputs	No. 1 / 10: 24 V; Operating voltage supply No. 2: GND No. 3 / 4 / 5 / 6: AI-0 ... 3; Input 0 ... 3; 0 ... 10 V / max. 20 mA No. 11: WD-IN; Watchdog input; 24 V / max. 20 mA
Outputs	No. 7: H-C; Manual operation; "closed" No. 8: H-CM; Manual operation; "common" No. 9: H-O; Manual operation; "open" No. 12 / 15 / 18 / 21: DO-0 ... 3-NC; Channel 0 ... 3; Break contact; 250 VAC / 30 VDC; 8 A No. 13 / 16 / 19 / 22: DO-0 ... 3-CM; Channel 0 ... 3; Common No. 14 / 17 / 20 / 23: DO-0 ... 3-NO; Channel 0 ... 3; Make contact; 250 VAC / 30 VDC; 8 A

Connection Data

Connection 1

Connection type	Input
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 734 Series
Solid conductor	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Strip length	7 mm / 0.28 inches

Connection 2

Connection type	Output
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 231 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data

Width	106 mm / 4.173 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	58 mm / 2.283 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	DIN-rail-mount enclosure

Material data

Fire load	0.447 MJ
Weight	199.5 g

Environmental requirements

Ambient temperature (operation)	0 ... +50 °C
Ambient temperature (storage)	-25 ... +70 °C

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821233800
Customs tariff number	85389091890

Product Classification

UNSPSC	32151705
eCl@ss 10.0	27-37-12-16
eCl@ss 9.0	27-37-12-16
ETIM 9.0	EC000225
ETIM 10.0	EC000225
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	d2aa60b9-6f1c-454c-86e0-91c6ee9239ab
SCIP notification number (Belgium)	3eae0100-20da-4ac4-aa4b-54986ee16403
SCIP notification number (Bulgaria)	dafd93c3-098a-4807-b759-e7d545b3c801
SCIP notification number (Czech Republic)	5d7907ec-0372-40d8-9846-5109f9847eaf
SCIP notification number (Denmark)	624662d8-2166-478f-ba9c-434f17e4a49e
SCIP notification number (Finland)	ffc24c65-00e2-40d1-8e4d-2aded777141c
SCIP notification number (France)	5b28d66a-a56b-496b-8983-6de5f9e1c0b3
SCIP notification number (Germany)	3ea91932-d981-4641-847a-dcb152d62d08
SCIP notification number (Hungary)	a733c833-2b00-4185-be20-3252b8080acd
SCIP notification number (Italy)	da7ee25a-d4da-4512-9441-aa3318fb1235
SCIP notification number (Netherlands)	eb7e7290-8410-4cb5-9ad3-951124d201c0
SCIP notification number (Poland)	9c0079c2-097c-424b-a6b6-4beb79df994f
SCIP notification number (Romania)	7dc52fc8-5119-4840-b829-91ffb611a094
SCIP notification number (Sweden)	a3324302-bb0d-4e40-85b5-48fbcf721a8c

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 789-811	↓

Documentation

Bid Text			
789-811	19.02.2019	xml 4.16 KB	↓
789-811	11.02.2015	doc 25.50 KB	↓

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal 789-811	↓
WSCAD Universe 789-811	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item No.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-241

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-242

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-262

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-263

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item No.: 216-244

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-264

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-284

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured